

020732-208.537 CIP (7496)

Section II. REMARKS**Power of Attorney**

Applicants have included herewith an executed Power of Attorney form that revokes the previously filed Power of Attorney and appoints new representation with new Attorney Docket Number **020732-208.537 CIP (7496)**. Further, applicants have requested a Change of Correspondence, so that all communications from the USPTO will be sent to the following contact and address:

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In addition, pursuant to the new Power of Attorney submitted herein, the Customer Number should be changed from 23448 to 24239.

Amendment to Claims 18, 19, 69 and 70

Claims 18 and 19 have been amended herein to remove the negative limitation from the body of the claim. No new matter has been added herein as discussed hereinbelow.

Claims 18 and 19 relate to a deposition composition comprising a precursor for forming a high-k material, said precursor comprising a metal and an organo moiety. As disclosed in paragraph [0063] of the subject patent application, the metals may be Ba, Sr, La, Ti, Zr, Ta and Pb, while the organo moieties may be C₁-C₈ alkoxides, β -diketonates, carbonates, hydroxides, acetates, formates, nitrates, halides, C₆-C₁₀ aryls, C₁-C₈ alkyls, and mixtures of two or more of the foregoing.

During prosecution, claims 18 and 19 were amended to recite:

18. The deposition composition of claim 17, wherein the metal is selected from the group consisting of Ba, Sr, La, Ti, Zr, Ta and Pb, with the proviso that when the metal is Ti, Ta, or Zr, the organo moiety cannot be C₁-C₈ alkoxides or β -diketonates. (emphasis added to highlight negative limitation)

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19. The deposition composition of claim 17, wherein the organo moiety is selected from the group consisting of C₁-C₈ alkoxides, β -diketonates, carbonates, hydroxides, acetates, formates, nitrates, halides, C₆-C₁₀ aryls, C₁-C₈ alkyls, and mixtures of two or more of the foregoing, with the proviso that when the organo moiety is C₁-C₈ alkoxide or β -diketonate, the metal cannot be Ta, Ti or Zr. (emphasis added to highlight negative limitation)

Importantly, claims 18 and 19 as introduced hereinabove were found allowable in the November 18, 2005 Notice of Allowability.

To remove the negative limitation from both claims 18 and 19, the claims have been amended herein to recite:

18. The deposition composition of claim 17, wherein the metal is selected from the group consisting of Ba, Sr, La, ~~Ti, Zr, Ta~~ and Pb, and wherein the organo moiety is selected from the group consisting of C₁-C₈ alkoxides, β -diketonates, carbonates, hydroxides, acetates, formates, nitrates, halides, C₆-C₁₀ aryls, C₁-C₈ alkyls, and mixtures of two or more of the foregoing that when the metal is Ti, Ta, or Zr, the organo moiety cannot be C₁-C₈ alkoxides or β -diketonates. (emphasis showing the amendment made herein)

19. The deposition composition of claim 17, wherein the metal is selected from the group consisting of Ti, Zr and Ta, and wherein the organo moiety is selected from the group consisting of C₁-C₈ alkoxides, β -diketonates, carbonates, hydroxides, acetates, formates, nitrates, halides, C₆-C₁₀ aryls, C₁-C₈ alkyls, and mixtures of two or more of the foregoing, with the proviso that when the organo moiety is C₁-C₈ alkoxide or β -diketonate, the metal cannot be Ta, Ti or Zr. (emphasis showing the amendment made herein)

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Claim 18 now relates to the precursor that includes Ba, Sr, La and Pb metals and all of the originally disclosed organo moieties, consistent with claims 18 and 19 as allowed. Claim 19 now relates to the precursor that includes Ti, Ta and Zr and all of the disclosed moieties except C₁-C₈ alkoxide and β -diketonate, consistent with claims 18 and 19 as allowed.

Accordingly, no new matter has been added herein. Claims 69 and 70 have been correspondingly amended herein.

Applicants respectfully request allowance of claims 18, 19, 69 and 70 as amended herein.

Fees Payable

Although no fees are known to be due at this time, authorization is hereby given to charge any deficiency in applicable fees for this amendment to Deposit Account Number 13-4365 of Moore & Van Allen PLLC.

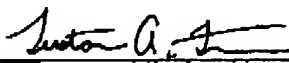
CONCLUSION

If any additional issues remain, the Examiner is requested to contact the undersigned attorney at (919) 286-8090 to discuss same.

Respectfully submitted,

MOORE & VAN ALLEN PLLC

Date: February 16, 2006

By: 
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